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OCT 15 2004

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FACSIMILE COVER SHEET

DATE: October 15, 2004
FILE NO: AMAT/4074.C1/CPI/DT/PJS
TO: EXAMINER RODNEY MCDONALD
FAX NO: 703-872-9306
PHONE NO:
COMPANY: USPTO
FROM: KEITH M. TACKETT
PAGE(S) with cover:
ORIGINAL TO FOLLOW? YES NO

RESPONSE TO OFFICE ACTION DATED JULY 15, 2004

TITLE:	COOLING SYSTEM FOR MAGNETRON SPUTTERING
APPARATUS	
U.S. SERIAL NO.:	10/655,949
FILING DATE:	SEPTEMBER 5, 2003
INVENTOR:	TEPMAN
EXAMINER:	RODNEY MCDONALD
GROUP ART UNIT:	1753
CONFIRMATION NO.:	8900

CONFIDENTIALITY NOTE

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FEET TRANSMITTAL for FY 2005

Effective 10/01/2004. Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 286.00)

Complete if Known

Application Number	10/655,949
Filing Date	SEPTEMBER 5, 2003
First Named Inventor	TEPMAN
Examiner Name	RODNEY MCDONALD
Art Unit	1753
Attorney Docket No.	AMAT/4074.C1/CPI/DT/PJS

METHOD OF PAYMENT (check all that apply)

 Check Credit card Money Order Other None
 Deposit Account:

Deposit Account Number 20-0782/AMAT/4074.C1/KMT

Deposit Account Name MOSER, PATTERSON & SHERIDAN, LLP

The Director is authorized to: (check all that apply)
 Charge fee(s) indicated below Credit any overpayments
 Charge any additional fee(s) or any underpayment of fee(s)
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code (\$)	Fee Code (\$)		
1001 790	2001 385	Utility filing fee	
1002 350	2002 175	Design filing fee	
1003 550	2003 275	Plant filing fee	
1004 790	2004 395	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	
SUBTOTAL (1)		(\$ 0)	

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	-20 -	= 0	Extra Claims	Fee from below	Fee Paid
Independent Claims	5	-3 -	= 2	X 88	= 176
Multiple Dependent				X 0	0

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code (\$)	Fee Code (\$)		
1202 18	2202 9	Claims in excess of 20	
1201 68	2201 44	Independent claims in excess of 3	
1203 300	2203 150	Multiple dependent claim, if not paid - Reissue independent claims over	
1204 68	2204 44	original patent - Reissue claims in excess of 20 and	
1205 18	2205 9	over original patent	
SUBTOTAL (2)		(\$ 176.00)	

** or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code (\$)	Fee Code (\$)		
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for ex parte reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	
1262 430	2252 215	Extension for reply within second month	
1253 980	2253 490	Extension for reply within third month	
1254 1,630	2254 755	Extension for reply within fourth month	
1255 2,080	2255 1,040	Extension for reply within fifth month	
1401 340	2401 170	Notice of Appeal	
1402 340	2402 170	Filing a brief in support of an appeal	
1403 300	2403 150	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 56	Petition to revive - unavoidable	
1453 1,370	2453 688	Petition to revive - unintentional	
1501 1,370	2501 685	Utility issue fee (or reissue)	
1502 490	2502 245	Design issue fee	
1503 650	2503 330	Plant issue fee	
1480 130	1460 150	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17 (q)	
1808 180	1808 180	Submission of Information Disclosure Stmt	
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	
1809 790	2809 395	Filing a submission after final rejection (37 CFR § 1.129(a))	
1810 790	2810 395	For each additional invention to be examined (37 CFR § 1.128(b))	
1801 790	2801 395	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	
Other fee (specify) TERMINAL DISCLAIMER			110.00

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 110.00)

Complete if applicable

SUBMITTED BY			
Name (Print/Type)	KEITH M. TACKETT	Registration No. (Attorney/Agent)	32,008
Signature		Telephone	713-623-4844

Date OCTOBER 15, 2004

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

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OCT 15 2004 Atty. Dkt. No. AMAT/4074.C1/CP/DT/PJS

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**In re Application of:
Tepman**

Serial No.: 10/655,949

Confirmation No.: 8900

Filed: September 5, 2003

For: COOLING SYSTEM FOR
MAGNETRON SPUTTERING
APPARATUS

MAIL STOP AMENDMENT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

**CERTIFICATE OF FACSIMILE TRANSMISSION UNDER
37 CFR 1.8**

I hereby certify that this correspondence and the documents referred to as attached therein are being facsimile transmitted to the U.S. Patent and Trademark Office to the fax number indicated by the Examiner, namely, fax number 703-872-9306 to the attention of the named Examiner, on the date below.

10/15/04

26000

Date

Signature

RESPONSE TO OFFICE ACTION DATED JULY 15, 2004

In response to the Office Action dated July 15, 2004, having a shortened statutory period for response set to expire on October 15, 2004, please enter this response and reconsider the claims pending in the application for reasons discussed below. Payment of fees for additional claims and a terminal disclaimer are included on an attached fee sheet. Although Applicant believes that no additional fees are due in connection with this response, the Commissioner is hereby authorized to charge counsel's Deposit Account No. 20-0782/AMAT/4074.C1/KMT, for any additional fees, including extension of time fees, required to make this response timely and acceptable to the Office.

Amendments to the Claims are reflected in a listing of the claims which begins on page 2 of this paper. **Remarks** begin on page 7 of this paper.